

# temp-gard

## Oven Temperature Recorder

The temp-gard temperature recorder system measures and saves object and air temperature during the cure process. Documentation and analysis of temperature profiles is made easy with the included tempchart software: all you need to control and optimize your baking process.

The temp-gard data logger comes in two configurations, 12 temperature probe connections or 6 probe connections. The data logger has a new innovative design with a large color graphics display and USB memory stick connection for easy data transfer.

### temp-gard system

- USB memory stick interface provides easy data transfer for in the field or in plant locations
- Battery-powered by 2 AA Alkaline or Lithium batteries
- Large color screen for numerical or graphical display of data
- Robust thermal barrier made of stainless steel with safe high temperature insulation
- High accuracy guarantees long-term reliable results
- Light weight easy to carry thermal barrier



### Ordering Information

Cat. No.	Description
3319	temp-gard 12p
3317	temp-gard 6p
3309	temp-gard 12p C
3307	temp-gard 6p, C
3308	temp-gard 12p, no probes*
3306	temp-gard 6p, no probes*

#### Comes complete with:

- temp-gard datalogger instrument
- temp-chart software
- 1 Thermal barrier
- 1 Set of heat sinks
- 1 Interface cable to PC
- 2 AA Alkaline batteries
- Operating manual
- Certificate
- Carrying case

#### Temperature probes for:

- temp-gard 6p:
  - 5 magnetic object probes (3125), 1 magnetic air probe (3131)
- temp-gard 12p:
  - 11 magnetic object probes (3125), 1 magnetic air probe (3131)
- temp-gard 6p C:
  - 5 clamp object probes (3122), 1 clamp air probe (3128)
- temp-gard 12 C:
  - 11 clamp object probes (3122), 1 clamp air probe (3128)

\*Note: Probes must orderd separately for temp-gard 3306 & 3308.

### Technical Specifications

Accuracy	± 0.5 °C
Resolution	0.1 °C (0.18 °F) from 0 - 400°C (32 - 752 °F)
No. of Channels	6 or 12
Memory	240,000 readings
Sampling Interval	0.1 sec up to 5 min
Temperature Range	0 - 400 °C (32 - 752 °F)
Battery Capacity	0.5 sec interval = 25 hrs (AA Alkaline)
Display	Color, 79 x 60 mm (3.1 x 2.4 in)
Interface	USB 2.0
Thermal Barrier Dimensions	255 x 215 x 135 mm (10.0 x 8.5 x 5.3 in)
Weight	3.56 kg (7.82 lbs)
Maximum Duration	at 100 °C, 8.5 hrs; at 200 °C, 2.5 hrs; at 250 °C, 2.0 hrs

**Extended Warranty:** see pages about Technical Service

#### Hardware Requirements:

- Operating system: Windows® XP or higher
- Excel® version: 2003 or higher VBA
- Memory: min. 1 GB
- Hard disk capacity: min. 100 MB
- Monitor resolution: XGA (1024 x 768) or higher
- Disk drive: CD-ROM or DVD
- Interface: USB-port